

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072584.D
 Acq On : 11 Apr 2022 13:30
 Operator : VA/SY
 Sample : N2317-15RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTH-6RE

Quant Time: Apr 12 01:02:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	166546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	304634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	317079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	145124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139375	69.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.360%
35) Dibromofluoromethane	7.908	113	114912	48.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.332	98	376976	45.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.620	95	138390	43.060	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.120%

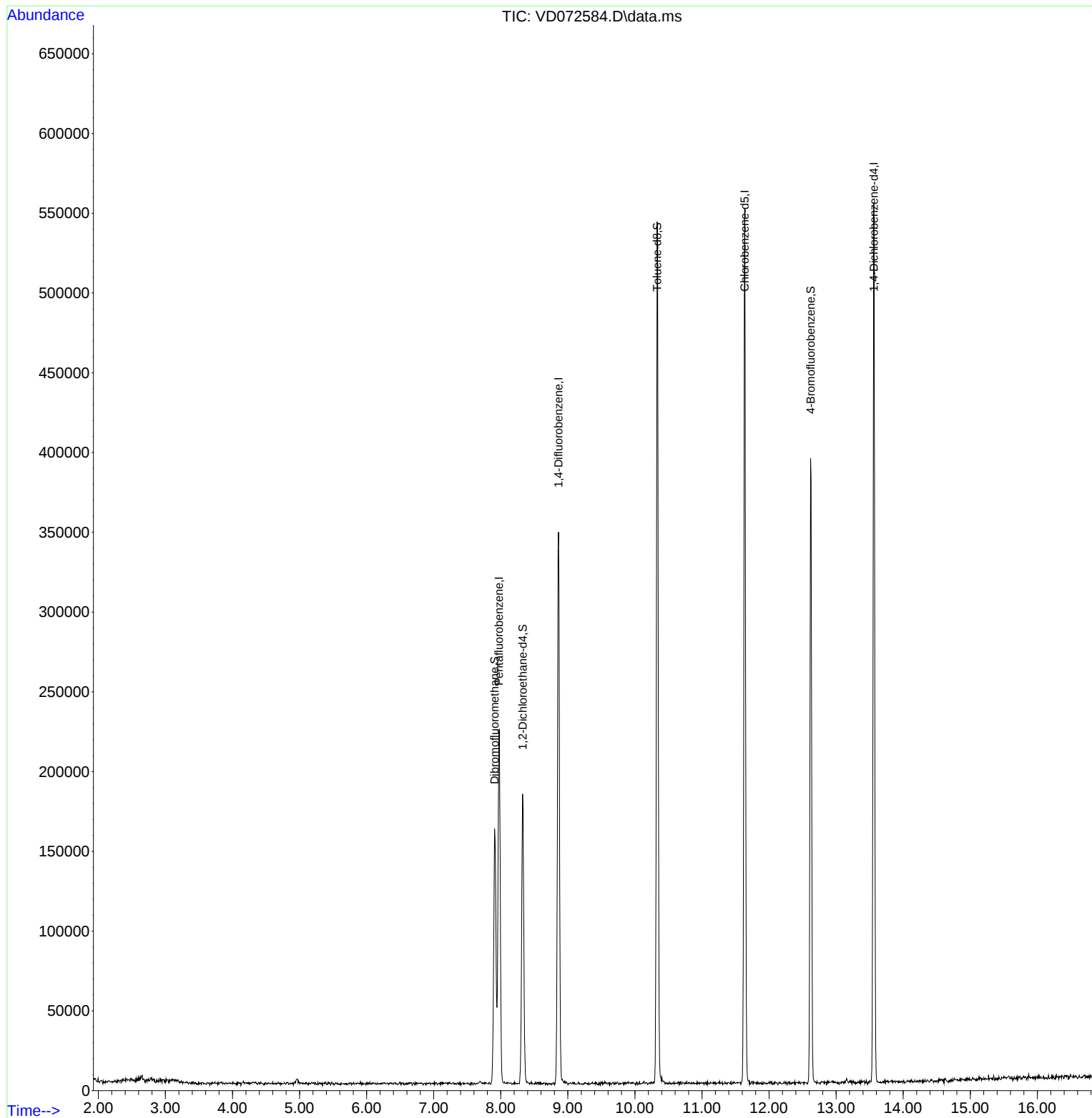
Target Compounds	Qvalue

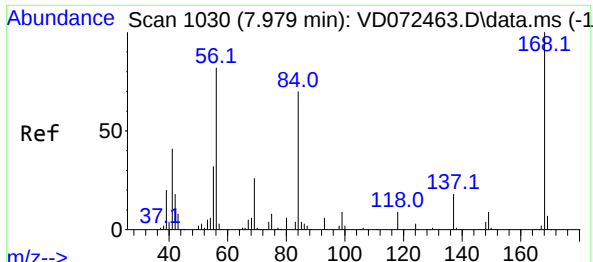
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072584.D

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Instrument :

MSVOA_D

ClientSampleId :

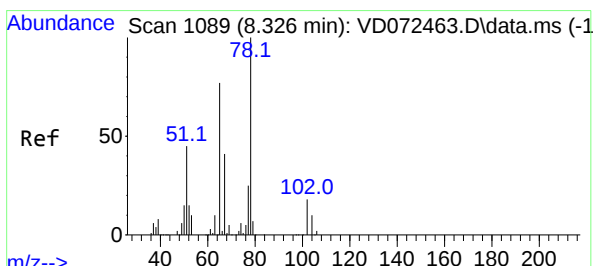
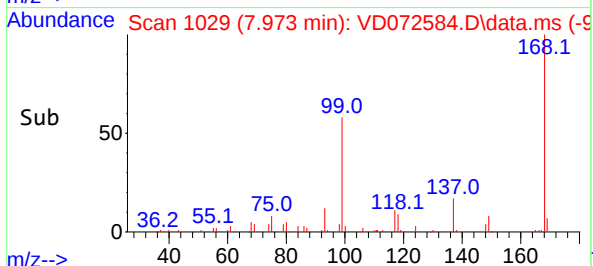
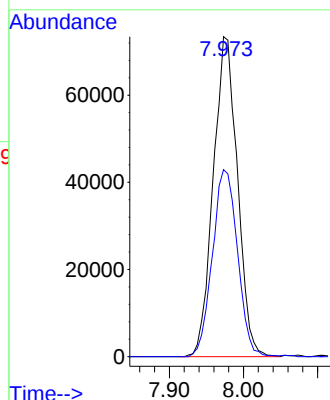
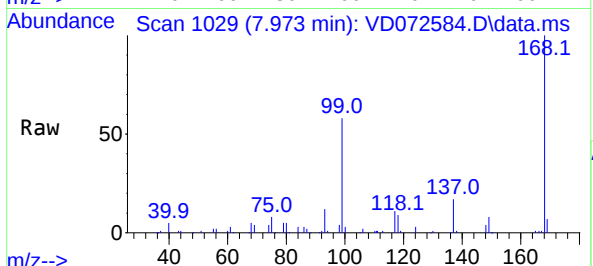
NORTH-6RE

Tgt Ion:168 Resp: 166546

Ion Ratio Lower Upper

168 100

99 58.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 69.179 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072584.D

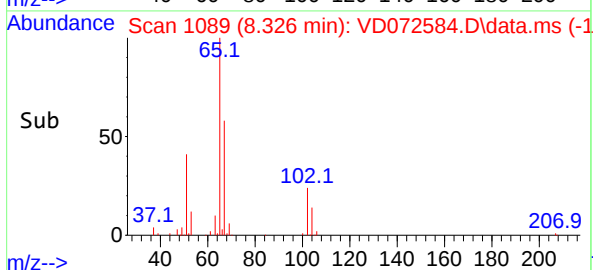
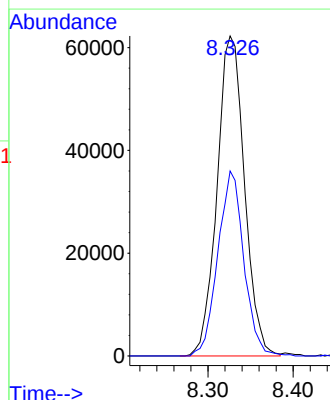
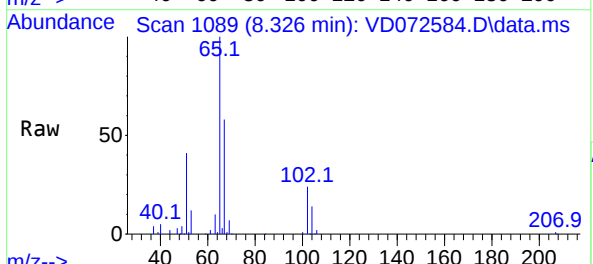
Acq: 11 Apr 2022 13:30

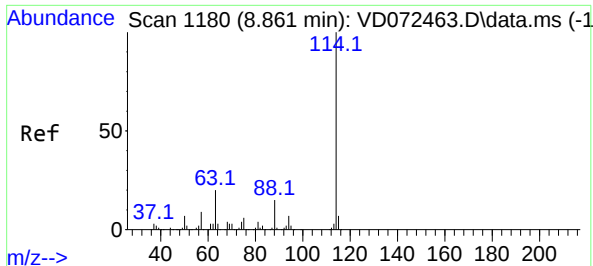
Tgt Ion: 65 Resp: 139375

Ion Ratio Lower Upper

65 100

67 54.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072584.D

Acq: 11 Apr 2022 13:30

Instrument :

MSVOA_D

ClientSampleId :

NORTH-6RE

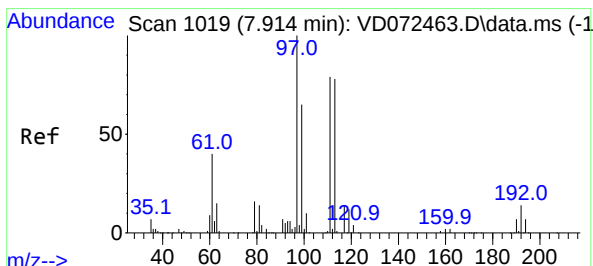
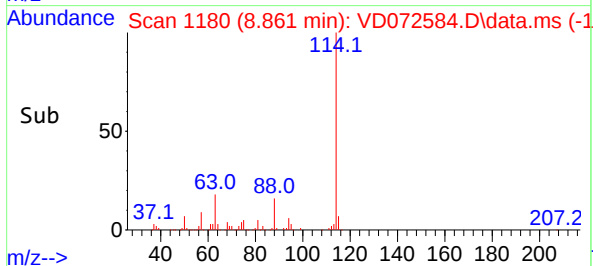
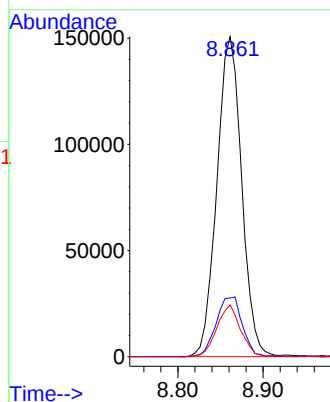
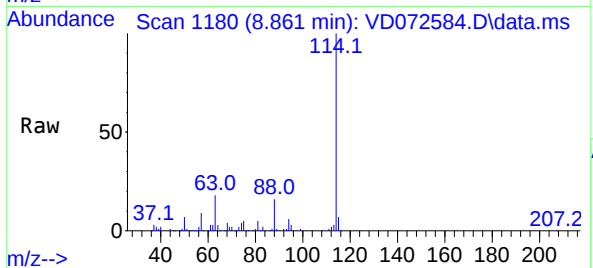
Tgt Ion:114 Resp: 304634

Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.539 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072584.D

Acq: 11 Apr 2022 13:30

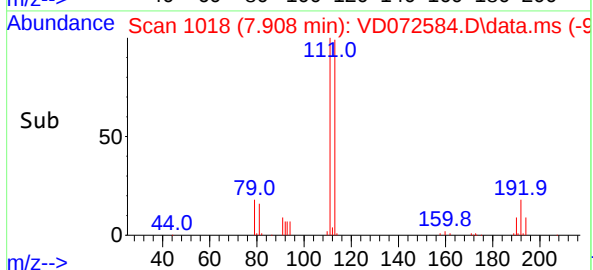
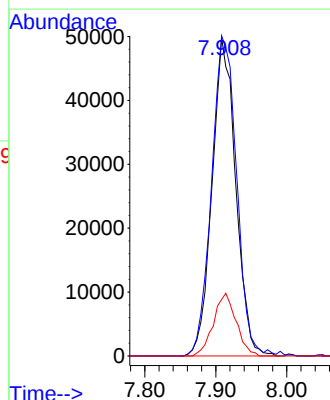
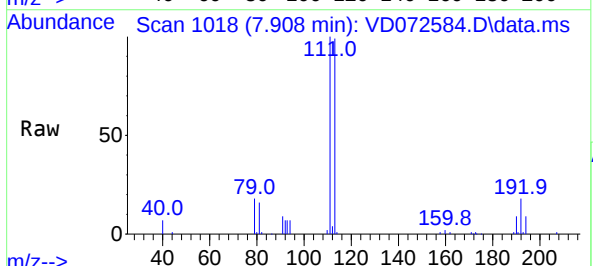
Tgt Ion:113 Resp: 114912

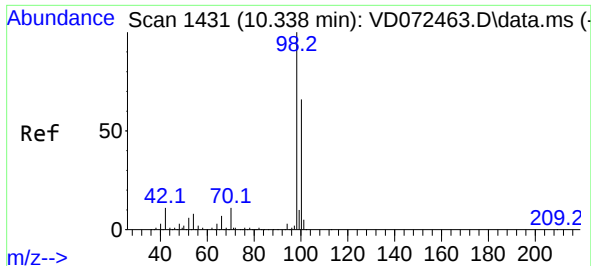
Ion Ratio Lower Upper

113 100

111 106.6 83.8 125.6

192 18.9 14.6 21.8

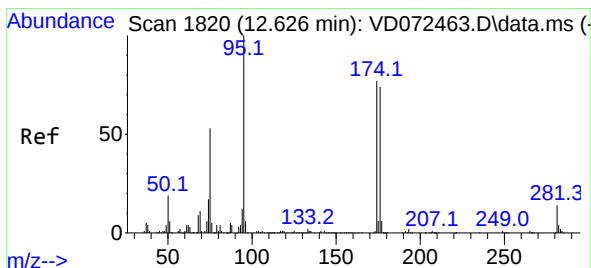
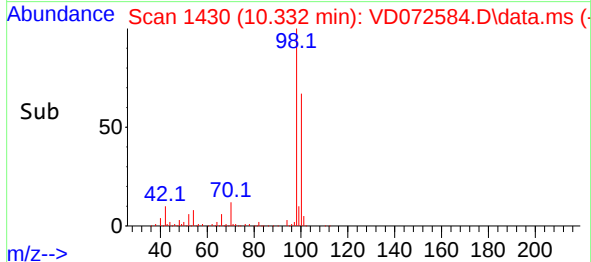
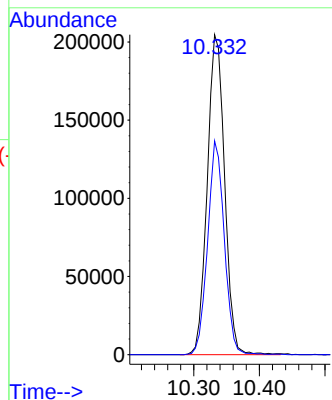
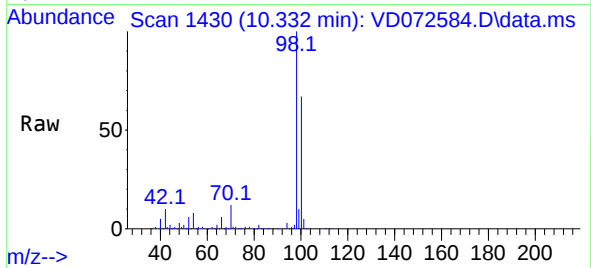




#50
Toluene-d8
Concen: 45.809 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072584.D
Acq: 11 Apr 2022 13:30

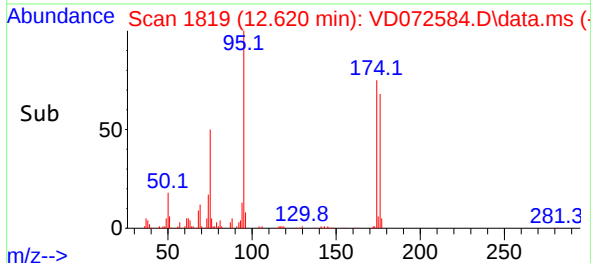
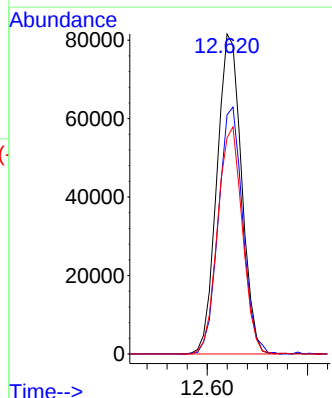
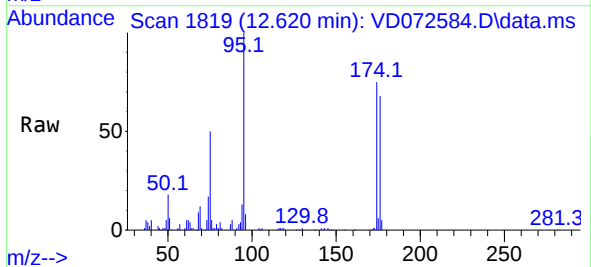
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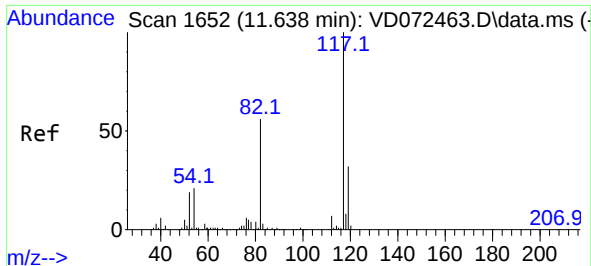
Tgt Ion: 98 Resp: 376976
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.060 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072584.D
Acq: 11 Apr 2022 13:30

Tgt Ion: 95 Resp: 138390
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 71.5 0.0 145.4

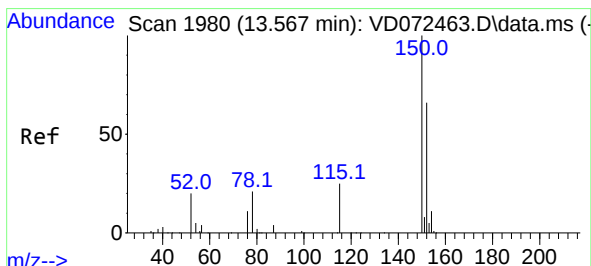
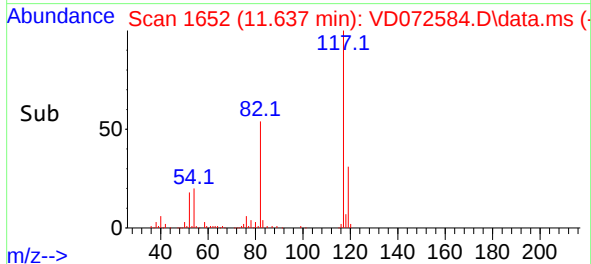
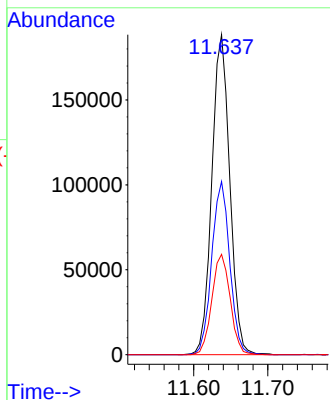
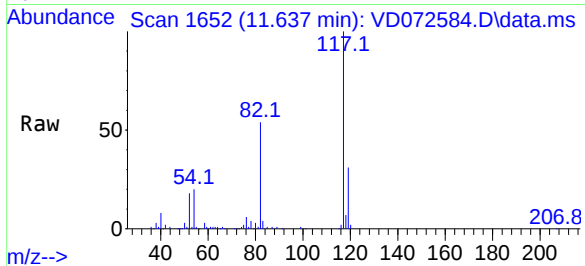




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072584.D
Acq: 11 Apr 2022 13:30

Instrument :
MSVOA_D
ClientSampleId :
NORTH-6RE

Tgt Ion:117 Resp: 317079
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072584.D
Acq: 11 Apr 2022 13:30

Tgt Ion:152 Resp: 145124
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 159.8 0.0 348.6

